# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Thursday 29 Jun 2023 until 23:59 on Friday 30 Jun 2023

Forecast Issued on Thursday 29 Jun 2023 at 00:09

**Confidence:** High for the overall story, with changeable weather, and a mixture sunshine and showers with occasional bouts of rain and drizzle.

**Headline for Thursday 29 Jun 2023:** A mainly fine day with some sunshine and brisk west or northwest winds. Increasing chance of showers.

**Mountain weather hazards on Thursday 29 Jun 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>High Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny | Cloudy | Light rain showers | Sunny intervals | Sunny | Clear night |
| Precipitation probability | | | | | |
| 30% | 30% | 30% | 30% | 20% | 20% |

**Forecast for Thursday 29 Jun 2023**

**Weather:** Mostly dry Thursday morning with some bright or sunny spells. Increasing chance of showers through the day, with a mainly dry evening to follow. Feeling less humid and fresher than Wednesday.

**Chance of cloud-free hill tops above 600m:** 90%

**Low cloud and visibility:** Cloud well above tops with good or very good visibilities, with some excellent views of distant features likely.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Thursday 29 Jun 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/15 NW | 16/22 NW | 16/23 W | 17/24 W | 16/22 W | 11/18 W | 12/17 SW |
| **300** | 8/11 NW | 13/19 NW | 14/21 W | 14/22 W | 13/20 W | 7/12 W | 7/12 SW |
| **Valley** | 5/10 NW | 11/19 NW | 11/22 W | 12/22 W | 11/21 W | 5/12 W | 4/10 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/7 | 11/8 | 12/9 | 13/10 | 12/9 | 10/8 | 9/7 |
| **300** | 12/10 | 14/11 | 15/12 | 16/13 | 15/12 | 13/12 | 11/10 |
| **Valley** | 12/12 | 15/13 | 16/14 | 17/14 | 16/14 | 13/12 | 11/11 |
| **Freezing Level*** | 1800m | 1800m | 1900m | 1900m | 1800m | 1900m | 2000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Brisk northwesterly winds will give quite cool conditions across peaks. Sunshine will be strong so skin protection is advised.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Thu 29 Jun 2023 | 2.8mm | 3.4mm | 3.6mm |

**Forecast for Friday 30 Jun 2023**

**Weather:** Turning cloudier during the early hours of Friday morning with cloud lowering throughout the day, probably shrouding summits by the middle part of the day. Outbreaks of rain and drizzle then arriving Friday afternoon and turning persistent in some northern areas through the evening and overnight period. Fresh to strong southerly or southwesterly winds, becoming westerly later.

**Maximum wind:** Southwesterly with gusts reaching around 30-35 mph late afternoon.

**Chance of cloud-free hill tops above 600m:** 80% becoming 10% or less by the afternoon.

**Low cloud and visibility:** Scattered bases around 700m soon becoming broken bases 600m in morning, and lowering further to overcast bases 300m in afternoon and evening.

**Temperature:** **Valleys:** Plus 10 degrees Celsius rising to plus 19 degrees Celsius in afternoon.
**At 600m:** Plus 8 degrees Celsius rising to plus 14 degrees Celsius in afternoon.
**Freezing level:** Well above summits.

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